

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-87/87-78-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

87-78-5

Code:

M

RTECS:

OP2050000

Code:

M

Name:

MANNITOL *95-1*

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:

N/K

Code:**ACGIH TLV:**

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

REQUIRED

Ventilation:

NONE REQUIRED

Protective Gloves:

RECOMMENDED

Eye Protection:

3 REQUIRED

Other Protective Equipment:

Equipment NONE REQUIRED

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

APPEARANCE: DRY LYOPHILIZED CAKE. APPEARS LIKE A WHITE COMPRESSED POWDER. FORMS A CLEAR, COLORLESS SOLUTION WHEN RECONSTITUTED W/STERILE WATER. PH: 7.1-7.7. CAUTION: THIS SUBSTANCE IS A PURIFIED, CONC ENTRATED DRUG THAT IS TO BE USED ONLY UNDER THE SUPERVISION OF A PHYSICIAN.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION: MAY BE IRRITATING. SEE PRODUCT INSERT FOR A MORE COMPLETE DESCRIPTION OF THE TOXICOLOGICAL & HEALTH EFFECTS IN HUMANS.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION. SEE PRODUCT INSERT FOR A MORE COMPLETE DESCRIPTION OF THE TOXICOLOGICAL & HEALTH EFFECTS IN HUMANS.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

INHALATION: REMOVE TO FRESH AIR. SKIN: WASH W/SOAP & LARGE AMOUNTS OF WATER. EYES: FLUSH W/WATER FOR 15 MINS.

INGESTION: TREAT SYMPTOMATICALLY & SUPPORTIVELY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

AVOID BREATHING THE LYOPHILIZED POWDER/ANY RECONSTITUTED AEROSOLS. PREVENT CONTACT W/SKIN, EYES & MUCOUS MEMBRANES. WIPE UP MATERIAL CAREFULLY & THOROUGHLY WASH AREA W/SOAP & WATER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE PRODUCT AT 35.6-46.4F. PREVENT CONTACT W/SKIN, EYES & MUCOUS MEMBRANES.

Other Precautions:

AVOID BREATHING POWDER/PREVENT THE GENERATION & INHALATION OF AEROSOLS. TAKE PRECAUTIONS IN ADMINISTRATION OF INJECTABLE DRUGS. FOLLOW MEDICAL PROCEDURES IN ADMINISTRATION OF PHARMACEUTICAL PRODUCTS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/R

Autoignition Temp:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

DRY CHEMICAL, CO₂, WATER SPRAY, HALON/FOAM

Fire Fighting Procedures:

NONE

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:**NRC/State Lic No:**

N/P

Net Prop WT For Ammo:

N/R

Boiling Point:

N/R

B.P. Text:

N/R

Melt / Freeze Pt:

N/R

M.P/F.P Text:

N/R

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/R

PH: (SUPP)**VOC Grams/Liter:**

N/R

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

COMPLETE

Appearance and Odor:

(SEE SUPP)

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

TEMPS >46.4F

Materials To Avoid:

NONE

Hazardous Decomposition Products:

N/R

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

Toxicological Information

Information:

N/P

MSDS/Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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